

Education

Master of Engineering Science, Queensland University of Technology, 1997 – 2000
Diploma in Mechanical Engineering, Singapore Polytechnic, 1987 – 1990
Master's Thesis: Asian Mentality towards Total Productive Maintenance. Attained 'High Distinction'.

Professional Experience

Technical Director & consultancy, 2003 - Present
Reliability Specialist, Rockwell Automation Southeast Asia, 2001-2002
Project Engineer, LSP Consultants Pte Ltd, 1996-2001
Mechanical Engineer, Keppel Singmarine Dockyard, 1993 – 1996

Professional Affiliation

International Union of Professional Engineers. Ing.P.Eur.
Society of Professional Engineers (UK), P.Eng. – A.1007
Institution of Diagnostic Engineers (UK), Fellow – No.9994
Institution of Mechanical Engineers (UK), Member – No.80023967

Conference and Presentation

“ICM – An Effective Predictive Maintenance Program”. Conference paper presented and submitted at the World Class Maintenance Management Conference organized by Marcus Evans in Kuala Lumpur, October 2002.

“Power and Energy Management”. Papers and presentation articles submitted to the Institute of Integrated Electrical Engineers, Philippines.

Publications

“ICM Automation”. Abstracts have been published in Automation Today, Rockwell Automation.

“Integrated Condition Monitoring – An Effective Predictive Maintenance Program”. Published in The Journal of the Institution of Diagnostic Engineers, No. 128 Jan/Feb 2003. (ISSN 0269-0225)

Company

- Company** : DiagnoVeritas Pte Ltd
Incorporated under the Companies Act(Cap.50), and that the company is a Private Company Limited by Shares.
- History** : International Consultant Company in the fields of Reliability Engineering. Staff comprises of competent engineers & consultants with focus on machinery diagnostics & asset reliability. The implementation of the various infinite techniques will reduce capital expenditure and greatly improve operational cost & safety.
- Business** : Consultancy in the fields of vibration, noise, infrared, finite element analysis & engineering dynamics
- Services** : The services we provide includes:
- Vibration Diagnostics
 - Simultaneous vibration data-acquisition
 - Torsional vibration
 - Shaft power & propulsion assessment
 - Shock & transient analysis
 - General structural dynamics FEA
 - Verification of mechanical systems & design
 - Mathematical modeling
 - Operation deflection shape
 - In-situ dynamic balancing
 - Precision laser alignment
 - Noise Survey & Abatement for Machine & Environment
 - Plant maintenance audit
 - Condition Based Maintenance implementation
 - HVAC assessment for land & marine
 - Training & seminar
 - Technical Arbitration
 - Asset Insurance Assessment